

TAKSTAR® 得胜



E10W | 无线扩音器

Wireless Amplifier

使用手册 | User Manual

■ 前言

尊敬的用户：

感谢您选购得胜E10W无线扩音器，为了您能够更好地了解使用本产品，建议您在使用前仔细阅读本说明书。

若存在有疑问或者您有宝贵的建议，可通过拨打得胜官方服务热线400 6828 333或微信扫描二维码关注得胜官方公众号与我们联系。



■ 产品特性

- 全新外观设计，造型新颖时尚，轻巧便携；
- 采用稀土材质扬声器，10W峰值功率音频输出；
- 数字扩音技术，抑制啸叫杂音，还原高保真音质；
- 无线播放功能，直连手机、电脑等设备充当小音箱使用；
- 具有U盘接口，可播放MP3等格式音频文件；
- 配备指示灯显示设计，实时了解扩音器工作状态；
- 采用MCU充电管理系统，放过充保护，使用安全可靠；
- 内置2500mAh锂离子电池，续航更持久；
- 采用UHF无线技术，在无阻碍、无干扰环境下，使用距离约40米；
- 配备无线头戴麦克风，采用自动对频技术，操作简单，使用方便；
- 无线头戴支持高/低功率切换功能，可根据不同使用环境灵活调整。

■ 适用范围

适用教学、导游、培训、促销等场合

■ 标准配置

扩音器.....	1台
无线头戴麦克风.....	1个
Type-C充电线.....	1条
肩带.....	1条
说明书.....	1份

■ 技术参数

主机(扩音器)参数

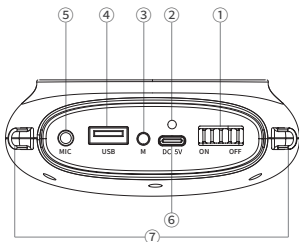
- 频率响应: 80Hz-12KHz
- 额定功率: 5W
- 峰值功率: 10W
- 扬声器阻抗: 4Ω
- 工作电压: DC 3.7V-4.2V
- 电池规格: 18650 3.7V=2500mA
- 充电规格: 5V=1A
- 充电方式: Type-C
- 充电时间: 约2.5小时
- 使用时间: 约23小时
- 无线连接版本: 5.3
- 产品尺寸: 105mm*100mm*36mm
- 单机重量: 约170g
- UHF频率: 630MHz-698MHz(分段)
- UHF使用距离: 无干扰空旷地带约40米

头戴麦克风参数

- 拾音器: 背极式驻极体
- 指向性: 单指向
- 频率响应: 60Hz-16KHz
- 灵敏度: $-50 \pm 3\text{dB}$
($0\text{dB}=1\text{V/Pa}$, at 1KHz)
- UHF频率: 630MHz-698MHz(分段)
- UHF使用距离: 无干扰空旷地带约40米
- 电池类型: 锂离子电池
- 电池容量: 3.7V / 400mA
- 充电规格: DV 5V / 200mA
- 充电时间: 约2小时
- 使用时间: 约5小时
- 单机重量: 约39g

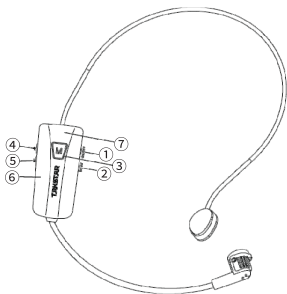
注: 以上数据由得胜实验室测试得到,并拥有最终解释权!

■ 功能示意

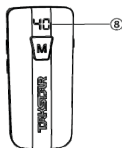


- ① 电源开关：往“ON”方向拨动旋钮，听到“哒”一声，表示扩音器已通电并进入人声扩音状态，继续往“ON”方向拨动声音逐渐增大，反之往“OFF”方向拨动则声音逐渐减小，直至听到“哒”一声关机。
- ② 指示灯：电量充足时，指示灯常亮蓝灯；低电状态时红蓝灯闪烁；充电时红灯常亮，充满电后恢复蓝灯常亮。在无线播放搜索配对状态下，指示灯蓝灯快闪，配对成功后蓝灯慢闪。
- ③ “M”模式切换键：开机状态下，点按该按键可切换工作模式，并伴随相应的语音提示。（当插入U盘和麦克风状态下，长按此按键进入录音模式，录制完成后长按此键可退出并保存录音，退出录音模式后，自动循环播放刚录制的内容）
- ④ U盘接口：可将储存有音乐文件的U盘插入此接口进行播放。请确保U盘中储存的是MP3、WAV格式的音频文件，否则可能导致音频文件无法正常读取播放，甚至会有损坏机器的风险。
- ⑤ MIC接口：将Ø3.5mm有线麦克风插头插入此孔进入人声扩音状态。
- ⑥ Type-C充电接口：通过Type-C充电线连接电源适配器为扩音器充电。
- ⑦ 挂扣：用于安装肩带，可将扩音器斜挂于肩上使用。

无线头戴麦克风



头戴麦克风



显示屏

- ① 电源开关：拨动开关至“ON”位置时开机，拨开关至“OFF”位置时关机。
- ② 充电接口：将Type-C充电线插入此孔，另一端连接通用的USB输出充电器，即可进行充电。
- ③ “M”频道切换按键：用于调频操作，详见本说明书的“对频方法”部分。
- ④ “+”按键：点按增加麦克风音量；在对频状态下，点按切换上一个频道，长按快速跳转频道。
- ⑤ “-”按键：点按减小麦克风音量；在对频状态下，点按切换下一个频道，长按快速跳转频道。
- ⑥ 指示灯：关机未充电时，指示灯熄灭；开机时长亮蓝灯；电量充足时，指示灯长亮蓝灯；电量不足时，指示灯蓝灯闪烁；充电过程中，红灯长亮，充满后红灯熄灭。
- ⑦ LED显示屏：显示当前工作频道、麦克风音量大小、功率切换等状态。

- ⑧ 工作频道/麦克风音量大小：默认显示当前工作频道，有“01-40”共40个工作频道；当点按音量“+”、“-”键时，则显示音量大小，有“U1-U9”共9级音量，3秒后回复正常数值；10秒后无任何操作，显示屏将自动熄灭。
- ⑨ 高低功率切换：同时点击“M”按键和“-”按键为低功率，同时显示屏会显示低功率的提示“E0”，同时点击“M”按键和“+”按键为高功率，同时显示屏会显示低功率的提示“E1”。（低功率无线使用距离在10米左右，高功率无线使用距离在40米左右）

■ 使用说明

一、对频方法

产品出厂时已默认配对好，开机会自动连接，无需配对。如遇有信号干扰，可按下面方法进行重新配对或变频。

1. 配对方法

- ① 首先确保头戴麦克风及扩音器都在关机状态。然后打开头戴麦克风电源开关，长按麦克风“M”键3秒，显示屏循环转圈时松开，此时立刻打开扩音器电源开关，等待麦克风的显示屏从转圈变为静态数值，对着麦克风说话有声音，表示配对成功；如果麦克风进入对频状态后，10秒钟内没有打开扩音器电源开关，对频失败，显示屏从转圈变为静态数值。
- ② 如对着头戴麦克风说话没声音，说明配对不成功，请按上面方法重新配对。

2. 变频方法

打开扩音器及头戴麦克风电源开关，确保在对频成功的情况下，短按头戴麦克风上的“M”键进入变频，显示屏数值闪烁，此时点按音量“+”、“-”切换上、下频道，或长按快速跳转频道，再点按“M”键确认频率，如3秒钟无操作“M”键确认，频率停止闪烁并固定在当前选择的频率。

3. 多台同时使用的方法

- ① 多台同时使用先按上述第一种“配对方法”重新连接一次后，再按上述变频方法进行变频操作切换不同频道；
- ② 多台同时使用时，需要切换不同的频道，以免干扰

二、无线播放配对

首次使用本机时，需要与手机或无线播放设备配对连接，步骤如下：

1. 打开扩音器的电源开关，点按“M”键切换到无线播放模式，指示灯蓝灯快闪，表示已进入搜索配对状态。
2. 进入手机的“设置”菜单，开启手机的无线播放功能，搜索“TAKSTAR E10W”进行连接，出现语音提示时，表示无线播放已连接成功。
3. 下次开机后选择至无线播放模式时，如果是已进行过配对，将自动回连最后一次使用的播放设备。

■ 安全警示

为避免电击、高温、着火、辐射、爆炸、机械危险以及使用不当等可能造成的人身伤害或财产损失，使用本产品前，请仔细阅读并遵守以下事项：

1. 使用产品时请确认所连设备与本产品是否匹配以及合理调整音量大小，不要在超过产品功率及大音量下长时间使用，以免造成产品异常；
2. 使用中若发现有异常（如冒烟、异味等），请立即关闭电源开关并拔掉电源插头，然后将产品送售后服务网点检修；
3. 消费者若使用电源适配器供电，则应购买配套使用获得CCC认证并满足标准要求的电源适配器；
4. 本产品及配件都应放置在室内干燥通风处，请勿长期存放在潮湿、灰尘多的环境，使用中避免靠近火源、雨淋、进水、过度碰撞、抛掷、振动本机及覆盖通风孔，以免损坏其功能；
5. 若产品需要固定于墙壁或天花板时，请确保固定到位，防止因固定强度不足导致产品发生跌落危险；
6. 使用该产品时需遵守相关安全规定，法律法规明确禁止使用场合请勿使用本产品，以免导致意外事故；
7. 请不要自行拆机改装或维修，以防止出现人身伤害，如有问题或服务需求请联系当地售后服务网点跟进处理。

■ 环保说明

产品中有毒有害物质或元素的名称及含量标识表

部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
塑料部件	○	○	○	○	○	○
金属部件	×	○	○	○	○	○
电路板组件	×	○	○	○	○	○
线缆	×	○	○	○	○	○
本表格依据SJ/T 11364的规定编制。 ○: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572规定的限量要求以下。 ×: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572规定的限量要求。						
此标志为产品的环保使用期限标志， 且此环保使用期限只适用于产品正常工作的温度和湿度等条件。						



■ 关于图标含义解释



此符号表示，根据WEEE指令(2012/19/EU)和国家法律，由于这种类型的废弃物会有潜在的有害物质，可能对环境 and 人类健康产生负面影响，所以本产品不应与您的家庭垃圾一起处置，应将本产品交由授权的电气和电子设备（WEEE）回收站回收。同时，您在正确处理本产品的同时将有助于自然资源的有效利用。如需了解更多有关您可以在何处放置废物回收设备的信息，请联系您当地的城市办事处、废物管理局或家庭废物处理服务部门。

■ 关于本说明书

本说明书中内容符合截止印刷之日的技术规格。由于得胜公司会不断改进产品，本说明书可能不符合您的特定产品的技术规格。要获取最新版说明书，请访问得胜官网，然后下载说明书文件。技术规格、设备或另售的附件在各个地区可能有所不同，如有问题请与当地得胜销售网点确认。如需更多支持和深层产品信息，请浏览得胜官方网站：<https://www.takstar.com>

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■ Preface

Dear Customer,

Thank you for purchasing Takstar E10W Wireless Amplifier. To better understand and use the product, please read this manual thoroughly. If you have any questions or suggestions, please contact our local sales outlet.

■ Features

- Sleek, unique, modern, and lightweight design.
- 10W peak audio output with rare-earth speaker.
- Digital amplification for high-fidelity, noise-free sound.
- Wireless connectivity for portable playback.
- USB port for MP3 and audio file playback.
- Status indicator light for real-time status updates.
- MCU-controlled safe charging with overcharge protection.
- Built-in 2500mAh lithium-ion battery for extended use.
- UHF wireless up to 40m range in clear open environments.
- Wireless headset mic with auto-pairing for easy use.
- Headset's high/low power modes adapt to different use cases.

■ Applications

Teaching, tour guiding, training, and promotions.

■ Package Contents

- 1 × Voice Amplifier
- 1 × Wireless Headset Microphone
- 1 × Type-C Charging Cable
- 1 × Shoulder Strap
- 1 × User Manual

■ Specifications

Voice Amplifier

- Frequency Response: 80Hz-12kHz
- Rated Power: 5W
- Peak Power: 10W
- Speaker Impedance: 4Ω
- Operating Voltage: DC 3.7V-4.2V
- Battery Spec: 18650 3.7V=2500mAh
- Charging Spec: 5V=1A
- Charging Port: USB-C
- Charging Time: Approx. 2.5h
- Battery Life: Approx. 23h
- Wireless Connection: V5.3
- Dimensions: 105mm×100mm×36mm
- Weight: Approx. 170g
- UHF Frequency: 630MHz - 698MHz (segmented)
- UHF Operating Range: Approx. 40m in unobstructed, interference-free areas

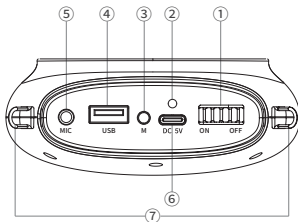
E10W Wireless Amplifier

Headset Microphone

- Transducer: Back Electret Condenser
- Polar Pattern: Unidirectional
- Frequency Response: 60Hz-16kHz
- Sensitivity: $-50 \pm 3\text{dB}$ (0dB=1V/Pa, at 1kHz)
- UHF Frequency: 630MHz-698MHz (segmented)
- UHF Operating Range: Approx. 40m in unobstructed, interference-free areas
- Battery Type: Li-ion
- Battery Capacity: 3.7V / 400mA
- Charging: DC 5V / 200mA
- Charging Time: Approx. 2h
- Battery Life: Approx. 5h
- Product Weight: Approx. 39g

Note: The above data are measured by Takstar laboratory which has the final interpretation right!

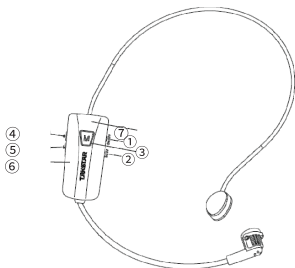
■ Function Descriptions



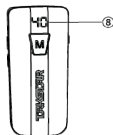
E10W Wireless Amplifier

- ① Power Switch: Slide the knob to turn the amplifier on ("ON" position) or off ("OFF" position). Adjust the knob towards "ON" to increase the volume and towards "OFF" to decrease the volume.
- ② Indicator Light: The indicator light shows different states: Solid blue when fully charged. Flashing red and blue if low battery. Solid red while charging. Flashing rapid blue during wireless pairing search, and slow flashing blue if successful paired.
- ③ "M" Mode Switch Button: Press this button to switch between different operating modes. Voice prompts will accompany the mode changes. (Long-press this button when a USB drive and mic are inserted to enter recording mode. Long-press again to exit recording mode and automatically play back the recorded content.)
- ④ USB Port: Insert a USB drive with MP3 or WAV audio files to play them back. Avoid using other file types to prevent recognition issues or potential device damage.
- ⑤ MIC Jack: Insert a Ø3.5mm wired mic for voice amplification.
- ⑥ USB-C Charging Port: Connect the amplifier to a power adapter using the USB-C charging cable for charging.
- ⑦ Clip: Used to attach shoulder strap, allowing the amplifier to be worn diagonally over the shoulder.

Wireless Headset Microphone



Headset microphone



Display screen

- ① Power Switch: Slide to "ON" to power on, "OFF" to power off.
- ② Charging Port: Plug in USB-C charging cable, other end to USB power source, to charge.
- ③ "M" Channel Switch: Press to adjust frequency, see "Pairing Method" section.
- ④ "+" Button: Tap to increase mic volume; In pairing mode, tap to switch up channels, hold to quick-jump.
- ⑤ "-" Button: Tap to decrease mic volume; In pairing mode, tap to switch down channels, hold to quick-jump.
- ⑥ Indicator Light: Off when powered off and not charging; Solid blue when on; Solid blue when sufficient power; Flashing blue when low power; Solid red when charging, turns off when fully charged.
- ⑦ LED Display: Shows current channel, mic volume level, power mode.
- ⑧ Channel/Volume Display: Default shows current channel (01-40);

E10W Wireless Amplifier

When adjusting volume, shows level (U1-U9) for 3 seconds before reverting; Display turns off after 10 seconds of inactivity.

- ⑨ High/Low Power Mode: Press "M" and "-" for low power (E0); Press "M" and "+" for high power (E1). Low is about 10m range, high is about 40m.

■ Operating Instructions

I. Frequency Pairing

The product is pre-paired at the factory, so it will automatically connect when powered on, no need to pair. If there is signal interference, you can re-pair or change the frequency as follows.

1. Pairing Method

- ① Ensure the headset mic and amplifier are both powered off. Turn on the headset mic, then long press the "M" button for 3 seconds until the display starts cycling. Immediately turn on the amplifier power. Wait for the mic display to stop cycling and show a static value. Speaking into the mic should produce sound, indicating successful pairing. If the mic enters pairing mode but the amplifier is not turned on within 10 seconds, the pairing will fail.
- ② If there is no sound when speaking into the headset mic, the pairing was unsuccessful. Please repeat the above pairing steps.

2. Frequency Changing Method

With the amplifier and headset mic powered on and successfully paired, briefly press the "M" button on the headset mic to enter frequency changing mode. The display will start flashing. Tap the "+" or "-" volume buttons to switch up or down channels. Or long press to quickly jump between channels. Press the "M" button again to confirm the selected frequency. If no button is pressed for 3 seconds, the frequency will stop flashing and be locked in.

3. Using Multiple Units

- ① After pairing multiple units using the above "Pairing Method", use the "Frequency Changing Method" to set each unit to a different channel.
- ② When using multiple units simultaneously, change them to different channels to avoid interference.

II. Wireless Playback Pairing

To pair and connect the device with your phone or other wireless playback device, follow these steps:

1. Turn on the power switch of the amplifier. Press the "M" button to switch to the wireless playback mode. The indicator light will rapidly flash blue, indicating it is in search and pairing mode.
2. On your phone, access the "Settings" menu and enable the wireless playback function. Search for "TAKSTAR E10W" and connect to it. A voice prompt will confirm the successful wireless playback connection.
3. Next time you power on the device and select the wireless playback mode, if it has been previously paired, it will automatically reconnect to the last used playback device.

■ Safety Instructions

To avoid electric shock, overheat, fire, radiation, explosion, mechanical risk and injury or property loss due to improper use, please read and observe the following items before use:

1. Please check if the power of the connected equipment matches with that of this product before operation. Adjust the volume to proper level during operation. Do not operate at over-power or high-volume level for extended time to avoid product malfunction.
 2. If there is any abnormality during use (e.g., smoke, strange odor), please kill the power switch and unplug from power source, then send the product to the local after-sales service for repair.
 3. Power adapter used, if any, should be approved by CCC certification or similar standards and comply with the power supply requirements.
 4. Keep this product and its accessories in a dry and ventilated area. Do not store in a humid or dusty area for extended time. Keep away from fire, rain, liquid intrusion, bumping, throwing, vibrating, or from blocking any ventilation openings, to prevent malfunction.
 5. The product must, when installed on walls or ceilings, be fixed firmly in place at adequate strength to prevent from falling.
 6. Please abide by safety rules during operation. Do not use the product in places prohibited by laws or regulations to avoid accident.
 7. Do not disassemble or repair the product by yourself to avoid injury.
- If you have any questions or require any services, please contact our local after-sales service.

■ Label Meanings



This symbol indicates that this product should not be disposed of with your household waste, according to the WEEE directive (2012/19/EU) and your national law. This product should be handed over to an authorized collection site for recycling waste electrical and electronic equipment (WEEE). Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with WEEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, or your household waste disposal service.

■ About This Manual

This manual contains up-to-date technical specifications as of printing. However, specifications contained herein may not conform to your particular product since Takstar is constantly improving its products. Also, specifications, devices or accessories available may vary from region to region. If you have any questions, please contact our local sales outlet. For the latest version/more information, please visit our website: <https://www.takstar.com/>

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注意事项:

1. 本单为保修凭证, 请用户妥善保管, 如有遗失, 恕不保修或退换。
2. 保修期限制: 购买之日起十二个月内。
3. 除了不可抗力事件损坏外, 由本公司负责, 免费维修。
4. 如属保管不善或使用不当造成的损坏, 维修点将酌情收费。
5. 擅自拆卸维修者, 不予保修。
6. 以上保修条款仅限于中国市场适用 (不含港澳台地区)。

产品服务保证书

姓名: _____ 电话: _____ 地址: _____
商品: _____ 型号: _____ 购买日期: _____ 年 _____ 月 _____ 日

维修记录栏 (由维修员填写)	维修员签名	日期

◆ 广东得胜电子有限公司 ◆ 电话: 400-6828-333 ◆ 地址: 广东省惠州市博罗县龙溪街道富康一路2号



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